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**Delivered Date:** 05/19/2008 06:52 PM EDT

**Subject:** contaminated sediment modeling at New Bedford Harbor

Hi all,

Attached is a draft proposal for the modeling effort at NBH that was developed by the ERDC team. Please note that this is a discussion draft intended to facilitate our conference call tomorrow at 2 PM EDT. The proposal is based on a good-faith estimate of the effort required to fulfill the task, recognizing that we will continue to develop an understanding of the available data, the Region's needs, and the necessary components of the study.

It is expected that the effort outlined in the proposal would improve upon the biological, chemical, and physical modeling underlying the site's 1998 ROD and support future decision making. The modeling will seek to represent important media driving exposure to PCBs and their accumulation by biota. The funding and schedule constraints are being taken into consideration in designing a numerical modeling and field data collection effort that is limited in scope, while achieving the stated objective of reducing model uncertainty. The model will focus only the temporal, spatial, physical, chemical, and biologic components that are deemed necessary to support decision making. As such, it is anticipated that the RPM(s) at the site will serve as critical team members as the modeling effort advances.

On the conference call tomorrow, we'd like to get input from the Region, headquarters, and ORD about the proposal. We'd also like to make tentative plans for a future information-gathering conference call among Region 1, the ERDC sediment transport and CAD cell chemical migration teams, and EPA ORD. The purpose of the call would be discuss the range of past, ongoing, and future efforts at the site so that work will not be duplicated. Finally, if it appears that this effort will proceed, it would be useful to begin planning a site visit and information gathering meeting in New Bedford Harbor.

**Conference Call Time:** 2:00 PM EDT, Tuesday May 20, 2008

**Call in:** 1-866-299-3188; Telephone ID: 7036038822

**Expected attendees:**

Carl Cerco, ERDC  
Joe Gailani, ERDC  
Karl Gustavson, ERDC  
Earl Hayter, ERDC

Sung-Chan Kim, ERDC  
Jarrell Smith, ERDC  
Mansour Zakikhani, ERDC

Lawrence Burkhard, EPA ORD  
Larry Brill, EPA Region 1  
Dave Dickerson, EPA Region 1  
Steve Ells, EPA HQ  
Skip Nelson, EPA ORD  
John Smith, EPA HQ  
Elaine Stanley, EPA Region 1

Regards,

Karl



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